

MODEL

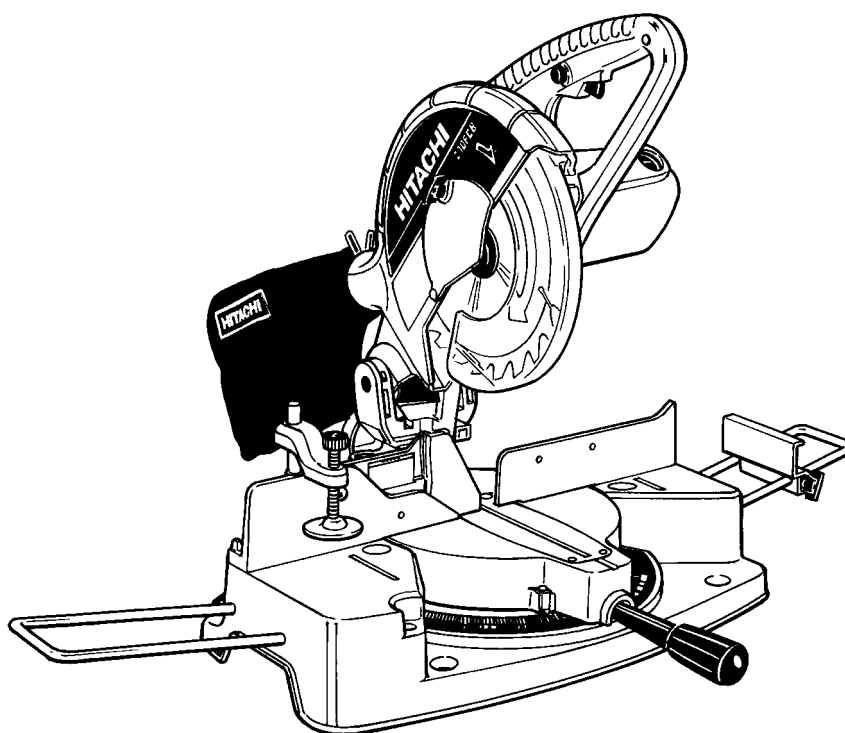
C 10FCB

HITACHI
POWER TOOLS

COMPOUND SAW
C 10FCB

TECHNICAL DATA
AND
SERVICE MANUAL

C



LIST No. E931

Apr. 2001

SPECIFICATIONS AND PARTS ARE SUBJECT TO CHANGE FOR IMPROVEMENT



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1. PRODUCT NAME

Hitachi Compound Saw, Model C 10FCB

2. MARKETING OBJECTIVE

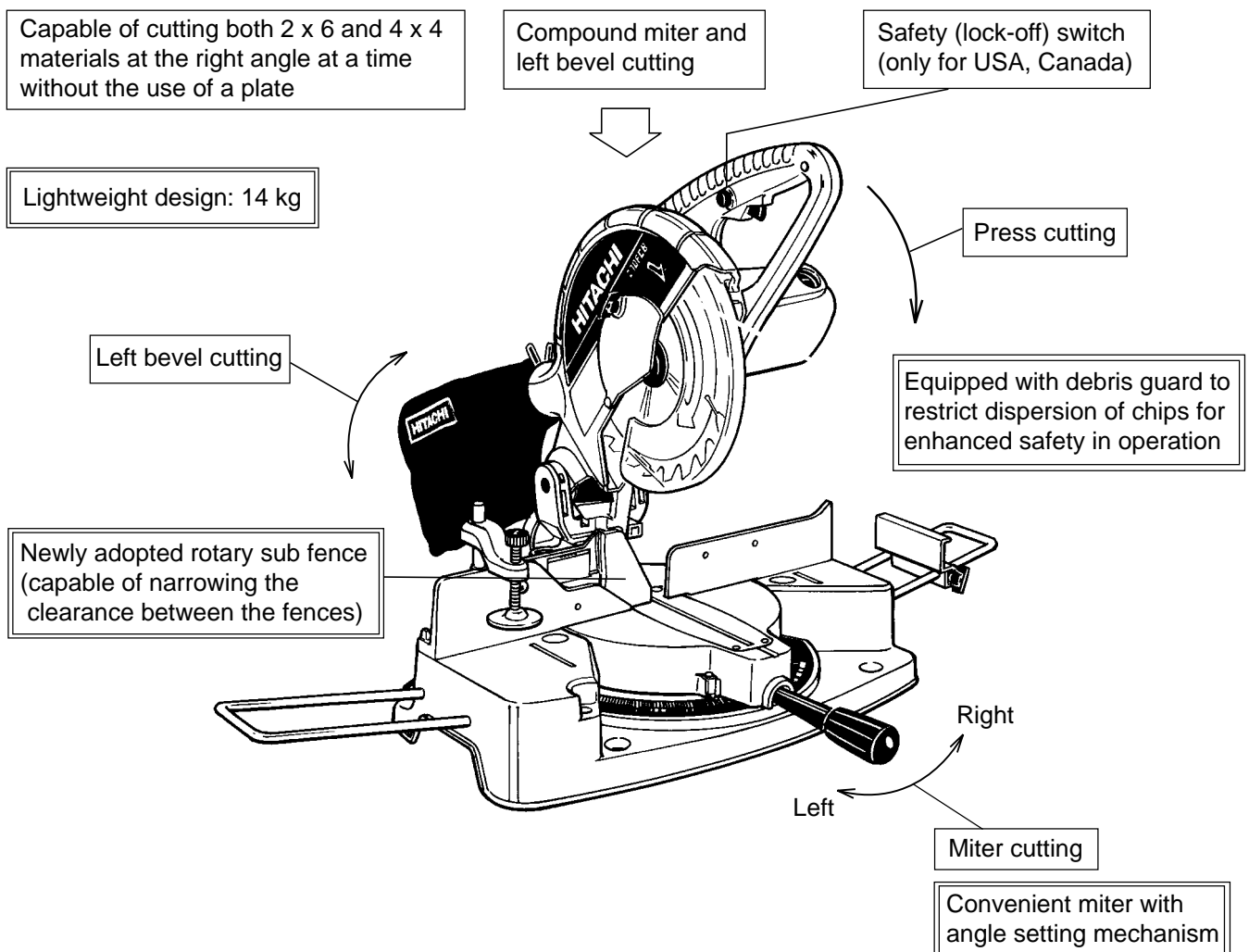
The Model C 10FCB has been newly developed as a successor of the current Models C 10FC, C 10FC2 and C 10FCA (REXON's OEM products) intended to be manufactured in the factory of Hitachi Koki Group (HKF) to keep high quality and to adopt Hitachi Koki's original design. Vigorous sales promotion and market share increases are anticipated with the introduction of the new Model C 10FCB. Although the Model C 10FCB is of the same construction as the current models basically, the Model C 10FCB employs additional functions including the following:

- Capable of cutting both 2 x 6 and 4 x 4 materials at the right angle at a time without the use of a plate
- Capable of narrowing the clearance between the fences thanks to the adoption of the rotary sub fence

3. APPLICATIONS

- Cutting various types of wood workpieces
- Cutting workpieces of plywood, decoration panels, soft fiberboard and hard board
- Cutting aluminum sashes

4. SELLING POINTS



4-1. Selling Point Descriptions

(1) Press cutting

Table 1 (Unit: mm)

Max. cutting dimension	Maker Model
	HITACHI C 10FCB
Height x Width (H x W)	59 x 144 (2-5/16" x 5-21/32") 89 x 101 (3-1/2" x 3-31/32")

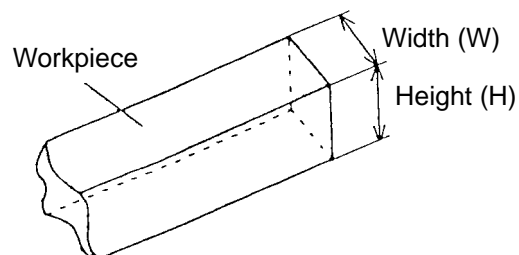


Fig. 1

Press cutting with the head swiveling enables cutting square workpieces as large as shown in Table 1 in a single sawing operation. (See Fig. 1.)

(2) Miter cutting facility

Table 2 (Unit: mm)

Max. cutting dimension	Maker Model
	HITACHI C 10FCB
Right 60° Height x Width (H x W)	59 x 72 (2-5/16" x 2-13/16")
Right and left 45° Height x Width (H x W)	59 x 102 (2-5/16" x 4")

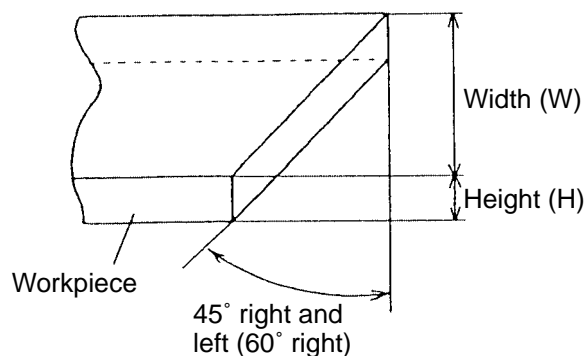


Fig. 2

By turning the table to the right or left as desired, the Model C 10FCB is capable of miter cutting of up to 45° to the left, or 60° to the right. The miter angle setting mechanism enables easy cutting-angle setting.

(3) Left bevel cutting facility

Table 3 (Unit: mm)

Max. cutting dimension	Maker Model
	HITACHI C 10FCB
Left bevel 45° Height x Width (H x W)	41 x 144 (1-5/8" x 5-21/32")

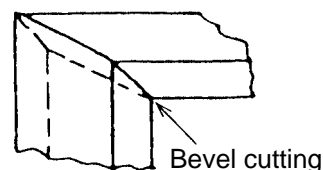
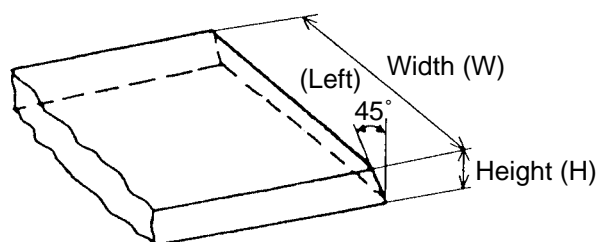


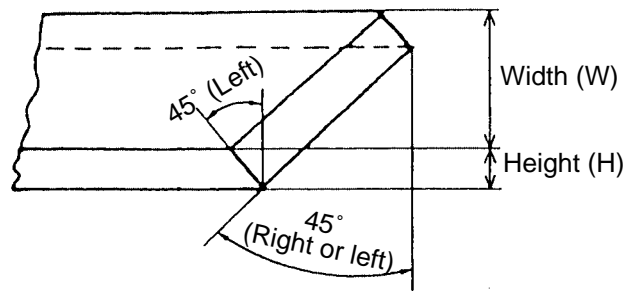
Fig. 3

By inclining the saw blade section (head) on its swivel mounting, bevel cutting of up to a maximum of 45° to the left can be obtained. (When the machine is shipped from the factory, the swivel stoppers of the head are precisely adjusted for 0° and 45° [for further details, please refer to Paragraph 9-1, Bevel Angle Adjustment].)

(4) Compound cutting through use of miter and bevel cutting functions

Table 4 (Unit: mm)

Max. cutting dimension	Maker Model HITACHI C 10FCB
Left bevel 45° Right/Left miter 45° Height x Width (H x W)	41 x 102 (1-5/8" x 4")



* When the saw blade section (head) is inclined 45° to the left, the maximum possible angle setting of the table is restricted to 45° to either the left or right.

Fig. 4

By turning the table to the right or left and inclining the saw blade section (head) to the left, the Model C 10FCB is capable of compound cutting (bevel and miter, see Fig. 4) of workpieces with the maximum dimension shown in Table 4.

(5) Equipped with debris guard to restrict dispersion of chips for enhanced safety in operation

A debris guard has been adopted to prevent wood chips from adhering to the saw blade at the end of the cutting operation. The debris guard tilts together with the saw blade during bevel cutting, thereby enhancing safe operation.

(6) Lightweight design

14 kg in weight, for easy transport in a workshop

5. SPECIFICATIONS

Maximum cutting dimentions Height x Width (H x W)	0° (Right angle)	59 mm (2-5/16") x 144 mm (5-21/32") 89 mm (3-1/2") x 101 mm (3-31/32")			
	Miter right/left 45°	59 mm (2-5/16") x 102 mm (4") [Right 60°: 59 mm (2-5/16") x 72 mm (2-13/16")]			
	Bevel left 45°	41 mm (1-5/8") x 144 mm (5-21/32")			
	Miter right/left 45° + Bevel left 45°	41 mm (1-5/8") x 102 mm (4")			
Miter cutting ranges		Right 0° — 60°, Left 0° — 45°			
Bevel cutting ranges		Left 0° — 45°			
Compound (miter + bevel) cutting ranges		Miter: right and left 0° — 45°, Bevel: left 0° — 45°			
Angle stopper positions		Right and left 0°, 15°, 22.5°, 31.6°, 35.3°, 45°, Right 60° (for USA, CAN) Right and left 0°, 15°, 22.5°, 30°, 45°, Right 60°			
Applicable saw blade		255 mm (10") external dia.			
Saw blade bore	USA/CAN	Asia/China	Europe	Australia New Zealand	
	15.9 mm (5/8")	25.4 mm (1")	30 mm (1-11/64")	25.4 mm (1") and 30 mm (1-11/64")	
Safety (lock-off) switch	USA/CAN		Europe/China		Asia/Australia, etc.
	Provided		Not provided		Not provided
Saw cover lock	Not provided		Provided		Not provided
Power source type and voltage	AC single phase 50/60 Hz, 110V, 115 V, 220V — 240V				
Type of motor	AC single phase commutator series motor				
Full-load current	110 V — 115 V: 15 A 220 V: 7.8 A 230 V: 7.5 A 240 V: 7.2 A				
No-load rotation speed	4,900/min.				
Max. output	2,300 W				
Main body dimensions (Width x Depth x Height)	547 mm x 592 mm x 581 mm (21-17/32" x 23-5/16" x 22-7/8")				
Weight	14 kg (31 lbs.), gross weight 21 kg (46.5 lbs.)				
Coating	Metallic silver green				
Packaging	Corrugated cardboard box				
Cord	Type: 2-conductor cabtire cable Length: 2.2 m (7.2 ft)				
Standard accessories	<ul style="list-style-type: none">• 255 mm (10") TCT saw blade (24 teeth, Code No. 318963) for wood cutting (except for CHN)• 255 mm (10") TCT saw blade (100 teeth, Code No. 318964) for aluminum cutting (for CHN)• 255 mm (10") TCT saw blade (30 teeth, Code No. 319107) for wood cutting (for AUT, GBR, FRA, HOL, BEL,ESP, SUI, ITA, NOR, SWE, DEN, FIN)• Dust bag• Vise ass'y• Box wrench 10 mm• Holder• Stopper				
Optional accessories	<ul style="list-style-type: none">• 255 mm (10") TCT saw blade (60 teeth, Code No. 976472) for normal cutting• 255 mm (10") TCT saw blade (100 teeth, Code No. 319658) for aluminum cutting (except for CHN)				

6. COMPARISONS WITH SIMILAR PRODUCTS

Maker/Model Item		HITACHI C 10FCB	HITACHI C 10FC2/C 10FC	Z	C
Max. cutting dimensions Height x Width (H x W)	0° (Right angle)	59 mm x 144 mm (2-5/16" x 5-21/32") 89 mm x 101 mm (3-1/2" x 3-31/32")	67 mm x 146 mm (2-5/8" x 5-3/4") 89 mm x 92 mm (3-1/2" x 3-5/8") [with aux. board width 17 mm (11/16")]	70 mm x 146 mm (2-3/4" x 5-3/4")	69 mm x 130 mm (2-3/4" x 5-1/8")
	Miter right/left 45°	59 mm x 102 mm (2-5/16" x 4") [Right 60° 59 mm x 72 mm (2-5/16" x 2-13/16")]	70 mm x 89 mm (2-3/4" x 3-1/2") [Right 60° 70 mm x 73 mm (2-3/4" x 2-7/8")]	70 mm x 105 mm (2-3/4" x 4-1/8")	69 mm x 92 mm (2-3/4" x 3-5/8")
	Bevel left 45°	41 mm x 144 mm (1-5/8" x 5-21/32")	44 mm x 130 mm (1-3/4" x 5-1/8")	44 mm x 146 mm (1-3/4" x 5-3/4")	35 mm x 130 mm (1-3/8" x 5-1/8")
	Miter right/left 45° + Bevel left 45°	41 mm x 102 mm (1-5/8" x 4")	44 mm x 89 mm (1-3/4" x 3-1/2")	44 mm x 105 mm (1-3/4" x 4-1/8")	35 mm x 92 mm (1-3/8" x 3-5/8")
Miter cutting ranges		Right 0° — 60° Left 0° — 45°	Right 0° — 60° Left 0° — 45°	Right and left 0° — 45°	Right 0° — 52° Left 0° — 45°
Bevel cutting ranges		Left 0° — 45°	Left 0° — 45°	Left 0° — 45°	Left 0° — 45°
Compound (miter + left bevel) cutting ranges		Miter: Right and left 0° — 45° Bevel: Left 0° — 45°	Miter: Right and left 0° — 45° Bevel: Left 0° — 45°	Miter: Right and left 0° — 45° Bevel: Left 0° — 45°	Miter: Right and left 0° — 45° Bevel: Left 0° — 45°
Angle stopper position		Right and left 0°, 15°, 22.5°, 31.6°, 45° Right 60°	Right and left 0°, 15°, 22.5°, 31.6°, 45° Right 60°	Right and left 0°, 15°, 22.5°, 30°, 45°	Right and left 0°, 15°, 22.5°, 30°, 45° Right 52°
Saw blade outer diameter (mm)		255 (10")	255 (10")	255 (10")	255 (10")
Motor	Power input (W)	1,640	1,640	—	—
	No-load revolution (/min.)	4,900	4,900	4,900	4,600
	Max. output (W)	2,300	2,200	—	—
Insulation structure		Double insulation	Double insulation	Double insulation	Double insulation
Base size		525 x 137	525 x 150	455 x 125	460 x 135
Width x Depth (mm)		(20-21/32" x 5-13/32")	(20-11/16" x 5-29/32")	(17-15/16" x 4-15/16")	(18-3/32" x 5-5/16")
Debris guard		Provided (fixed)	Provided (fixed)	None	None
Dust bag size (mm)		250 x 160 (9-27/32" x 6-5/16")	300 x 190 (11-13/16" x 7-15/32")	300 x 190 (12-19/32" x 7-15/32")	300 x 150 (11-13/16" x 5-15/16")
Main unit dimensions Width x Depth x Height (mm)		547 x 592 x 581 (21-17/32" x 23-5/16" x 22-7/8")	535 x 600 x 489 (21-1/16" x 23-1/2" x 19-1/4")	455 x 595 x 535 (17-29/32" x 23-13/32" x 21")	476 x 530 x 532 (18-3/4" x 20-7/8" x 20-15/16")
Product weight (kg)		14 (31 lbs.)	14.5 (32 lbs.)	22 (49 lbs.)	11 (24.2 lbs.)
Standard accessories		<ul style="list-style-type: none"> • 255 mm (10") TCT saw blade (24 teeth) for wood cutting • Dust bag • Vise ass'y • Box wrench 10 mm • Holder • Stopper 	<ul style="list-style-type: none"> • 255 mm (10") TCT saw blade (24 teeth) for wood and aluminum cutting • Dust bag • Vise ass'y • Wrench 	<ul style="list-style-type: none"> • 255 mm (10") combination saw blade (104 teeth) • Dust bag • Vise ass'y (horizontal type) • Holder ass'y • Wrench 	<ul style="list-style-type: none"> • 255 mm (10") TCT saw blade • Dust bag • Auxiliary plate • 13 mm socket wrench • Wrench • Triangular rule
Optional accessories		<ul style="list-style-type: none"> • 255 mm (10") TCT saw blade (60 teeth) for normal cutting • 255 mm (10") TCT saw blade (100 teeth) for aluminum cutting 	<ul style="list-style-type: none"> • Holder ass'y • 255 mm (10") TCT saw blade (70 teeth) for normal cutting 		<ul style="list-style-type: none"> • Safety goggles

7. PRECAUTIONS IN SALES PROMOTION

In the interest of promoting the safest and most efficient use of the Model C 10FCB Compound Saw by all of our customers, it is very important that at the time of sale the salesperson carefully ensures that the buyer seriously recognizes the importance of the contents of the Instruction Manual, and fully understands the meaning of the precautions listed on the various Caution Plates attached to each machine.

7-1. Instruction Manual

Although every effort is made in each step of design, manufacture and inspection to provide protection against safety hazards, the dangers inherent in the use of any power saw cannot be completely eliminated. Accordingly, general precautions and suggestions for the use of electric power tools, and specific precautions and suggestions for the use of the compound saw are listed in the Instruction Manual to enhance the safe, efficient use of the tool by the customer. Salespersons must be thoroughly familiar with the contents of the Instruction Manual to be able to offer appropriate guidance to the customer during sales promotion.

(1) Precautions on the name plate

Each Model C 10FCB is furnished with a Name Plate that lists the following precautions.

For the U.S.A. and Canada only

CAUTION/AVERTISSEMENT

- For safe operation, see Instruction Manual. / Lire avec attention la notice d'utilisation.
- Do not expose to rain or use in damp locations. / Ne pas exposer à la pluie et ne pas utiliser dans les emplacements humides.

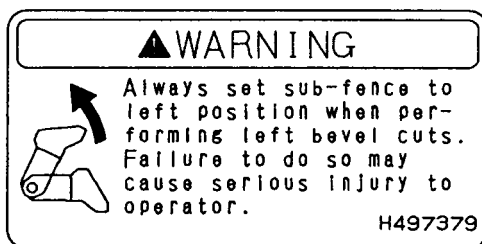
Except the U.S.A. and Canada

CAUTION

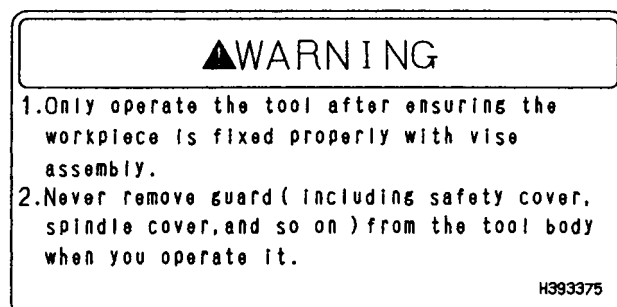
- Read thoroughly HANDLING INSTRUCTIONS before use.
- Ensure that power supply is disconnected before replacing blades, cutter etc. or carrying out any maintenance.
- Use protective glasses while operating.

Instruct the customer to thoroughly read the Instruction Manual prior to attempting to operate the machine.

(2) Caution plate (A)

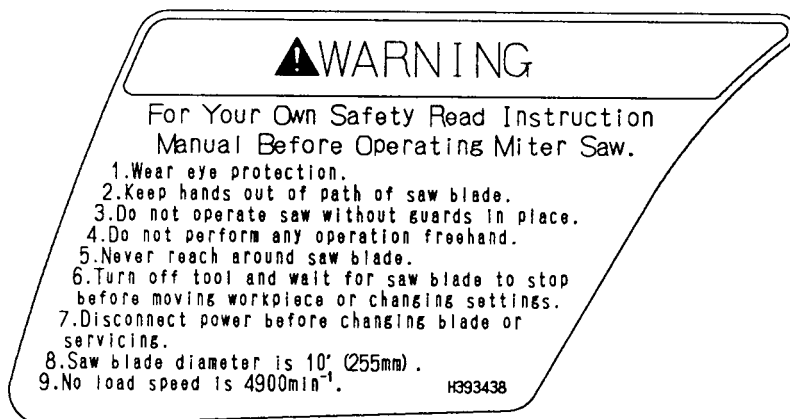


(3) Caution plate (B)



(4) Caution plate (C)

For the U.S.A. and Canada only



The caution plate (C) specified by the UL is affixed on the upper right-hand portion of the gear case. Please instruct users to strictly observe the contents 1 to 9 in the caution plate (C) shown above.

8. ADJUSTMENT AND OPERATIONAL PRECAUTIONS

8-1. Cutting A Groove on The Table Insert

A groove has to be cut in the table insert, before starting operation. Secure a piece of wood about 5-1/2" (140 mm) wide to the table with the vise assembly, to prevent the breakage of the table insert. After the switch has been turned on and the saw blade has reached maximum speed, slowly lower the handle to cut a groove on the table insert.

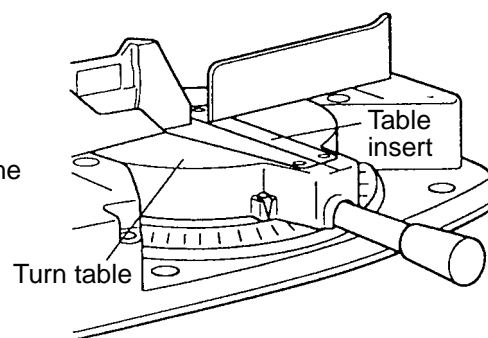


Fig. 5

CAUTION: Do not cut the groove too quickly; otherwise the table insert might become damaged.

8-2. Confirmation of Saw Blade Lower Limit Position

WARNING: To prevent an accident or personal injury, always turn off the trigger switch and disconnect the power plug from the receptacle before adjustment.

Check that the saw blade can be lowered 1-5/8" to 1-21/32" (41 mm to 42 mm) below the table insert. If necessary, adjust as follows:

- (1) Loosen the 8 mm lock nut on the 8 mm depth adjustment screw.
- (2) Turn the 8 mm depth adjustment screw as necessary to set the lower limit position. The saw blade goes up when the 8 mm depth adjustment screw is turned counterclockwise and down when it is turned clockwise.
- (3) Once the adjustment is complete, fully tighten the 8 mm lock nut.

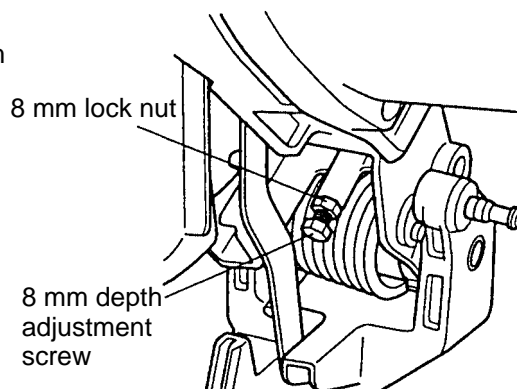


Fig. 6

NOTE: Before tightening the 8 mm lock nut, confirm that the saw blade is adjusted so that it will not cut into the table.

8-3. How to Use The Vise Assembly

- (1) The vise assembly can be mounted on either the left fence (fence (B)) or the right fence (fence (A)) by loosening 6 mm wing bolt (A).
- (2) The screw holder can be raised or lowered according to the height of the workpiece by loosening 6 mm wing bolt (B). After the adjustment, firmly tighten 6 mm wing bolt (B) and fix the screw holder.
- (3) Turn the upper knob and securely fix the workpiece in position (Fig. 16).

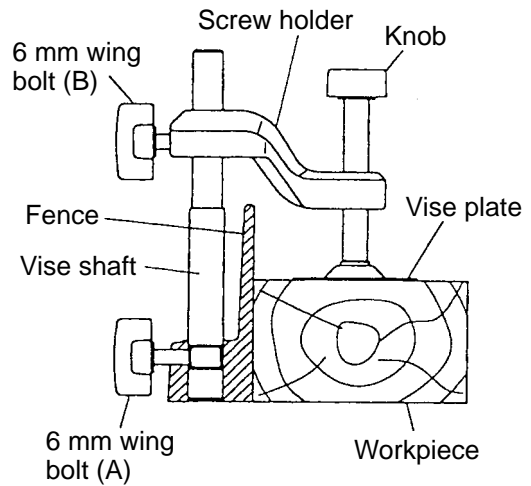


Fig. 7

- ⚠ WARNING:** Always firmly clamp or vise to secure the workpiece to the fence; otherwise the workpiece might be thrust from the table and cause bodily harm.
- ⚠ CAUTION:** Always confirm that the motor head (see Fig. 1) does not contact the vise assembly when it is lowered for cutting. If there is any danger that it may do so, loosen the 6 mm wing bolt (B) and move the vise assembly to a position where it will not contact the saw blade.

8-4. Confirmation for Use of Sub Fence

- ⚠ WARNING:** In the case of left bevel cutting, turn the sub fence counterclockwise. Unless it is turned counterclockwise, the main body or saw blade may contact the sub fence, resulting in an injury.

This power tool is equipped with a sub fence. (See Fig. 1.) In the case of direct angle cutting and angle cutting, use the sub fence. Then, you can realize stable cutting of the material with a wide back face. In the case of left bevel cutting, raise the sub fence up as illustrated in Fig. 9 and then turn it counterclockwise.

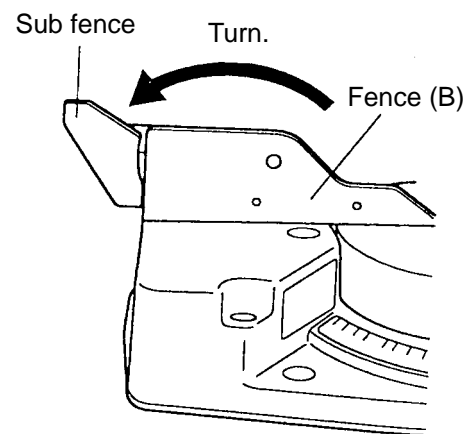


Fig. 8

8-5. Cutting Operation

- (1) Cutting efficiency will be reduced if a dull saw blade is used, if an excessively long extension cord is used, or if the wire gauge of the extension cord is too small. (For details on extension cords, please refer to the Instruction Manual.) This is particularly important when cutting materials with dimensions which are at or near the maximum capacity for the machine.
- (2) The customer should be advised to thoroughly inspect the workpiece to ensure that there are no metallic objects (nails in particular), sand, or other foreign matter in or on the workpiece. Saw blade contact with such foreign matter will not only shorten the service life of the saw blade, but could cause serious accident. Should the saw blade tips be broken off, the tips may fly toward the operator.

(3) Press cutting

Like the Model C 10FC2, the Model C 10FCB can be used for press cutting of workpieces up to 59 mm x 144 mm (2-5/16" x 5-21/32") in a single operation by simply pushing the saw blade section (head) downward. The customer should be cautioned that excessive pressure on the handle will not increase the cutting speed. On the contrary, excessive pressure may result in reduced cutting efficiency (irregular or rough cutting of the workpiece), and could also cause overload and subsequent burnout of the motor. On completion of the cutting operation, turn the switch OFF and wait for the saw blade to come to a complete stop before raising the saw blade section (head) to its original position. Raising the saw blade section (head) while the saw blade is rotating may cause unwanted cutting marks on the workpiece.

Techniques to avoid unwanted cutting marks

Uneven and unwanted cutting marks can be avoided throughout the cutting operation by gently and smoothly pressing down on the handle, so that the entire cutting operation is accomplished in a single uninterrupted motion.

(4) Miter cutting

Miter cutting is accomplished by turning the table. (For details, please refer to the Instruction Manual.)

(5) Bevel cutting

Bevel cutting of 0 – 45° to the left is accomplished by inclining the saw blade section (head). (For details, please refer to the Instruction Manual.)

[Caution] When the workpiece is secured on the left side, the cut-off portion comes to rest on the side of the saw blade as illustrated in Fig. 8. If the handle is raised before the saw blade rotation comes to a complete stop, there is a chance that the cut-off portion of the workpiece could become jammed against the saw blade, causing a hazardous condition. Instruct the customer to ensure without fail that the saw blade comes to a complete stop before attempting to raise the handle.

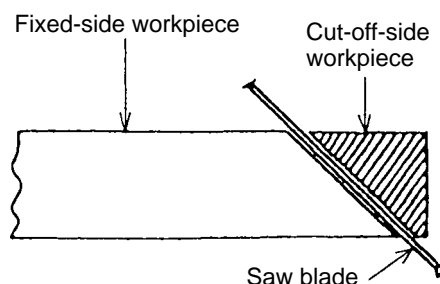


Fig. 9

(6) **Compound (miter + bevel) cutting**

Compound cutting can be accomplished by combining the miter cutting and bevel cutting operations described in paragraphs (4) and (5) above. (For details, please refer to the Instruction Manual.) When the saw blade section (head) is inclined 45° to the left, the table can be turned up to 45° to the right and left.

(7) **Cut surface quality during miter/bevel cutting**

The quality of the cut surface depends on the type of cutting operation (miter or bevel), the type and sharpness of the saw blade, whether the workpiece is cut to the right or left, and various other factors. In miter and bevel cutting in particular, cutting is performed across the wood grain, so the condition of the cut surface depends on whether the wood is cut with or against the grain. This is the same as when using electric portable planers. Customers should be advised of these phenomena so that they understand that in cases when the cut surface may not be smooth as expected or hoped for, it is not caused by the performance of the saw blade or the Model C 10FCB.

In the cutting examples illustrated in Fig. 9, the cut surfaces on the sides marked (A) are better than those on the sides marked (B).

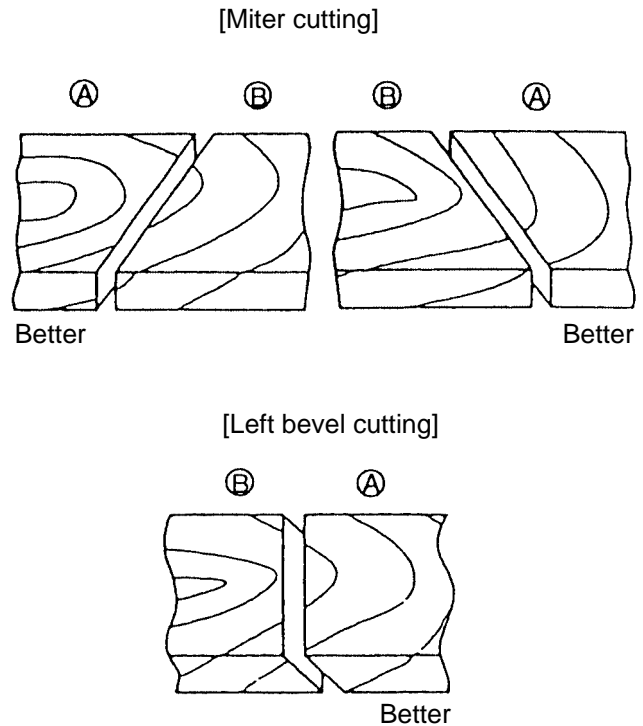


Fig. 10

9. ADJUSTMENT OF COMPONENTS

9-1. Bevel Angle Adjustment

Before the power tool is shipped from the factory, it is adjusted for 0° and left 45° bevel cutting angles.

The positioning and bevel cutting angle can be adjusted by changing the height of the 8 mm bolt (maximum bevel cutting angle is 45°).

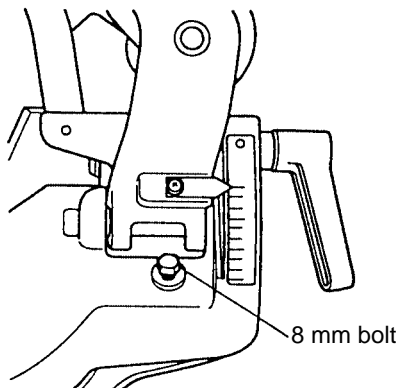


Fig. 11

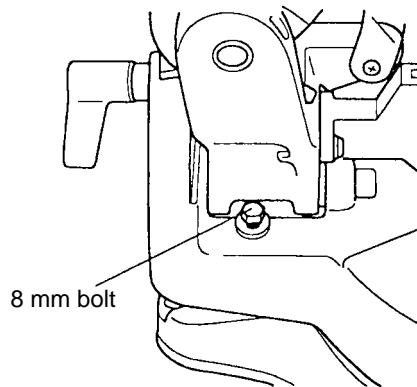


Fig. 12

10. PACKING

(1) Preparation before packing

Remove the side handle, holder and dust bag from the main body. Then turn the turn table 60° clockwise.

(2) Mounting packings (B) and (C)

Place packing (C) under the gear case and swing the motor section. Pressing on packing (C), hook the stopper pin on the gear case. Put the housing through the hole of packing (B).

(3) Mounting packing (A) and upper packing

Put the main body mounted with packings (B) and (C) in the carton box aligning with the base packing.

Put packing (A) at the left of the base. Place the upper packing on the main body. Close the lid of the carton box and secure it.

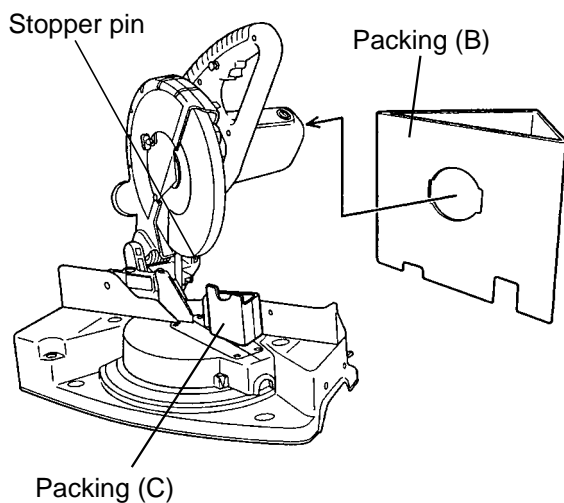


Fig. 13

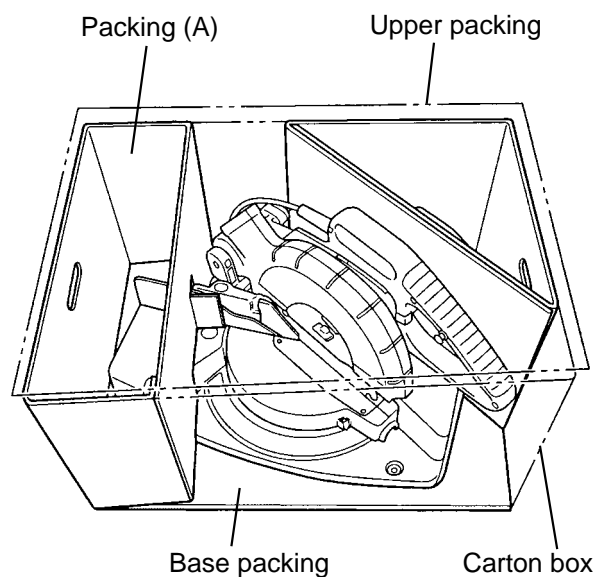


Fig. 14

11. PRECAUTIONS IN DISASSEMBLY AND REASSEMBLY

Please follow the precautions below for disassembly and reassembly procedures. The circled numbers in the following figures and the **[Bold]** numbers in the descriptions below correspond to the item numbers in the Parts List and exploded assembly diagrams.

⚠CAUTION: Prior to attempting disassembly or replacement of the saw blade, ensure that the power cord plug is disconnected from the power source.

11-1. Disassembly

A. Turn table and base

Tools required:

- Phillips screwdriver
- Flat-blade screwdriver
- Box wrench 13 mm
- Box wrench 10 mm
- Plastic hammer

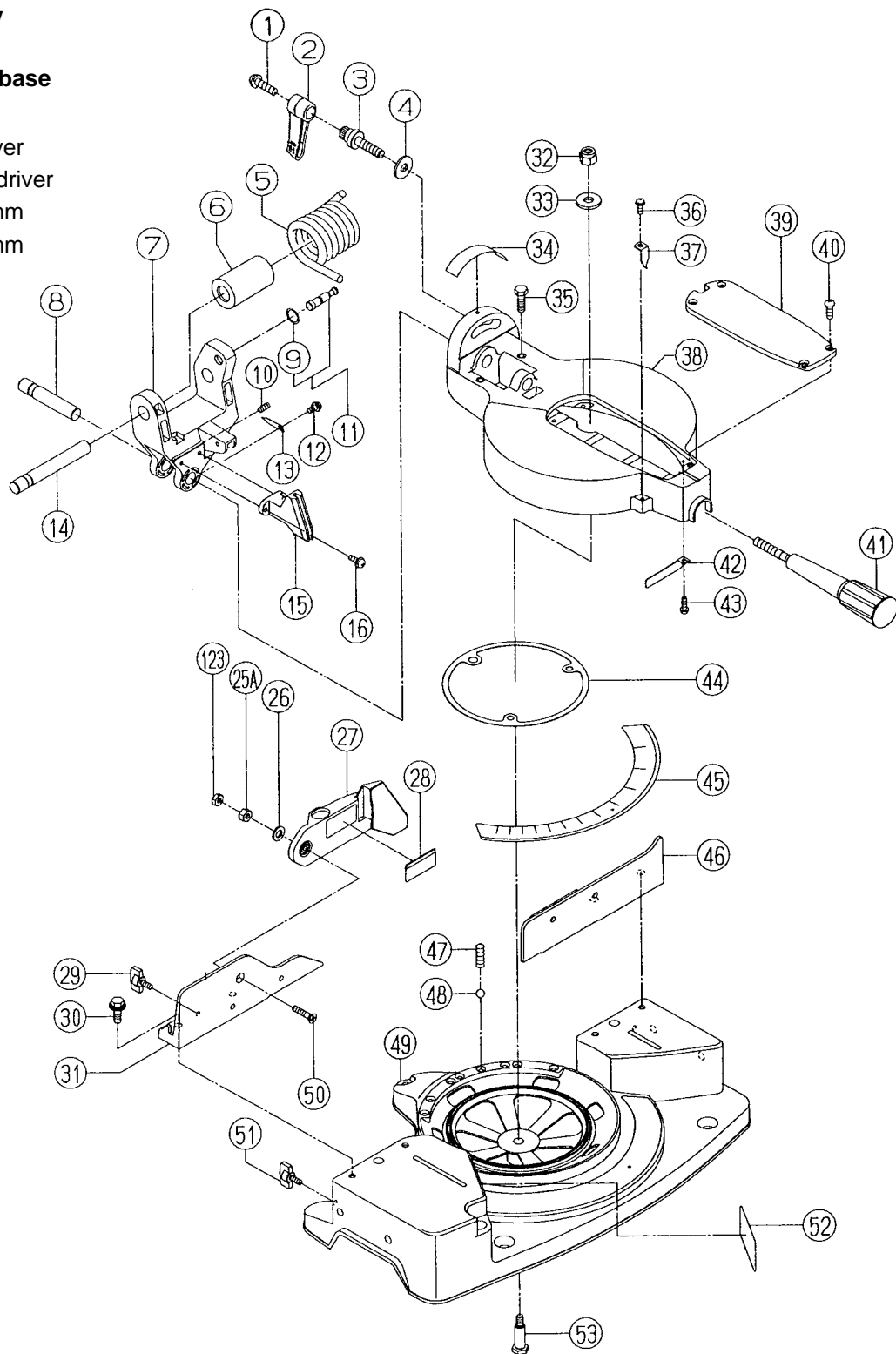


Fig. 15

1. Remove the four Bolts (W/Washers) M8 x 35 (Black) and remove Fence (A) **[46]** and Fence (B) **[31]**.
2. Loosen the Clamp Lever **[2]** and remove the Machine Screw (W/Washers) M6 x 12 (Black) **[1]**. Turn the Bolt (Left Hand) M10 x 40 **[3]** and remove it from the Hinge **[7]**.
3. Remove the Hex. Socket Set Screw M6 x 10 **[10]**. Tap the end surface of Shaft (C) **[8]** from the front of the Turn Table **[38]** using a flat-blade screwdriver and a hammer to remove it.
4. Remove the Nylon Nut M8 **[32]** and remove the Turn Table **[38]** from the Base **[49]**.
5. Remove the Spacer **[42]** and the Table Insert **[39]** from the Turn Table **[38]** by removing each mounting screw.

B. Safety cover and link

Spindle and spring

Tools required:

- Phillips screwdriver
- Hex. bar wrench 4 mm
- Hex. bar wrench 3 mm
- Box wrench 10 mm (standard accessory)

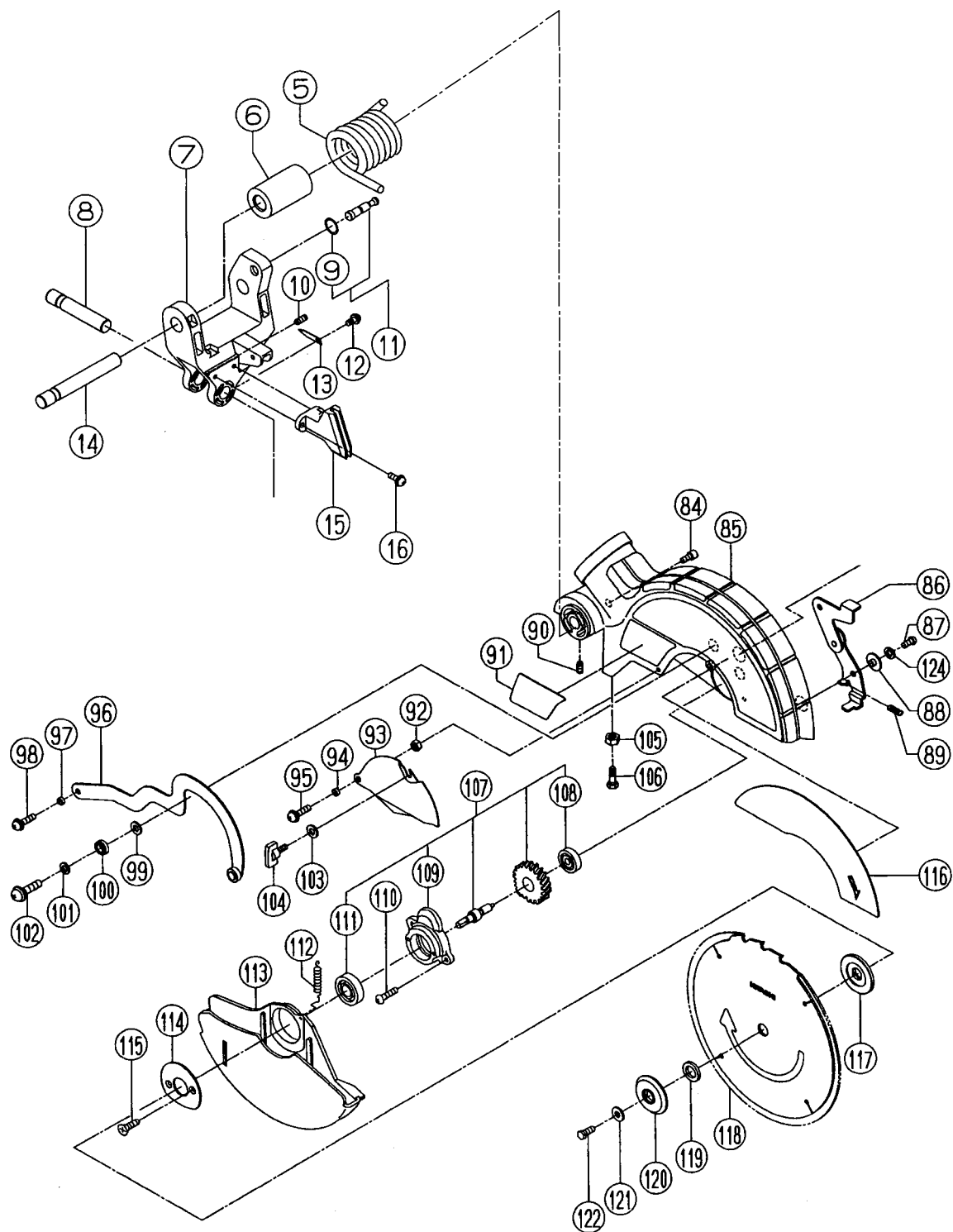


Fig. 16

1. Remove the Bolt (Left Hand) M7 x 17.5 **[122]** with the box wrench 10 mm (standard accessory).
Then Washers (B) and (C) **[120]**, TCT Saw Blade 255 mm **[118]** and Washers (A) and (D) can be removed in this order.
2. Remove the two Flat Hd. Screws M4 x 10 **[115]** to remove the Cover **[114]** and the Safety Cover **[113]**.
3. Remove the Machine Screw M5 x 16 **[98]** to remove the Spacer **[97]** and the Link **[96]**.
4. Remove the Machine Screw M5 x 20 **[110]** and gently tap the Gear Case **[85]** with a plastic hammer to remove the Spindle Ass'y **[107]**.
5. Remove the Hex. Socket Hd. Bolt M5 x 10 **[84]**. Note that the Hex. Socket Hd. Bolt M5 x 10 **[84]** acts as the upper limit stopper of the Gear Case **[85]** and the Gear Case **[85]** will move upward when the Hex. Socket Hd. Bolt M5 x 10 **[84]** is removed.
6. Remove the Hex. Socket Set Screw M6 x 10 **[90]**. Supporting the Gear Case **[85]**, gently tap Shaft (C) **[14]** to remove it. After the removal of Shaft (C) **[14]**, the Spring **[5]** can be removed.

C. Armature ass'y

Cord, stator ass'y and housing ass'y

Tools required:

- Phillips screwdriver
- Flat-blade screwdriver
- Plastic hammer

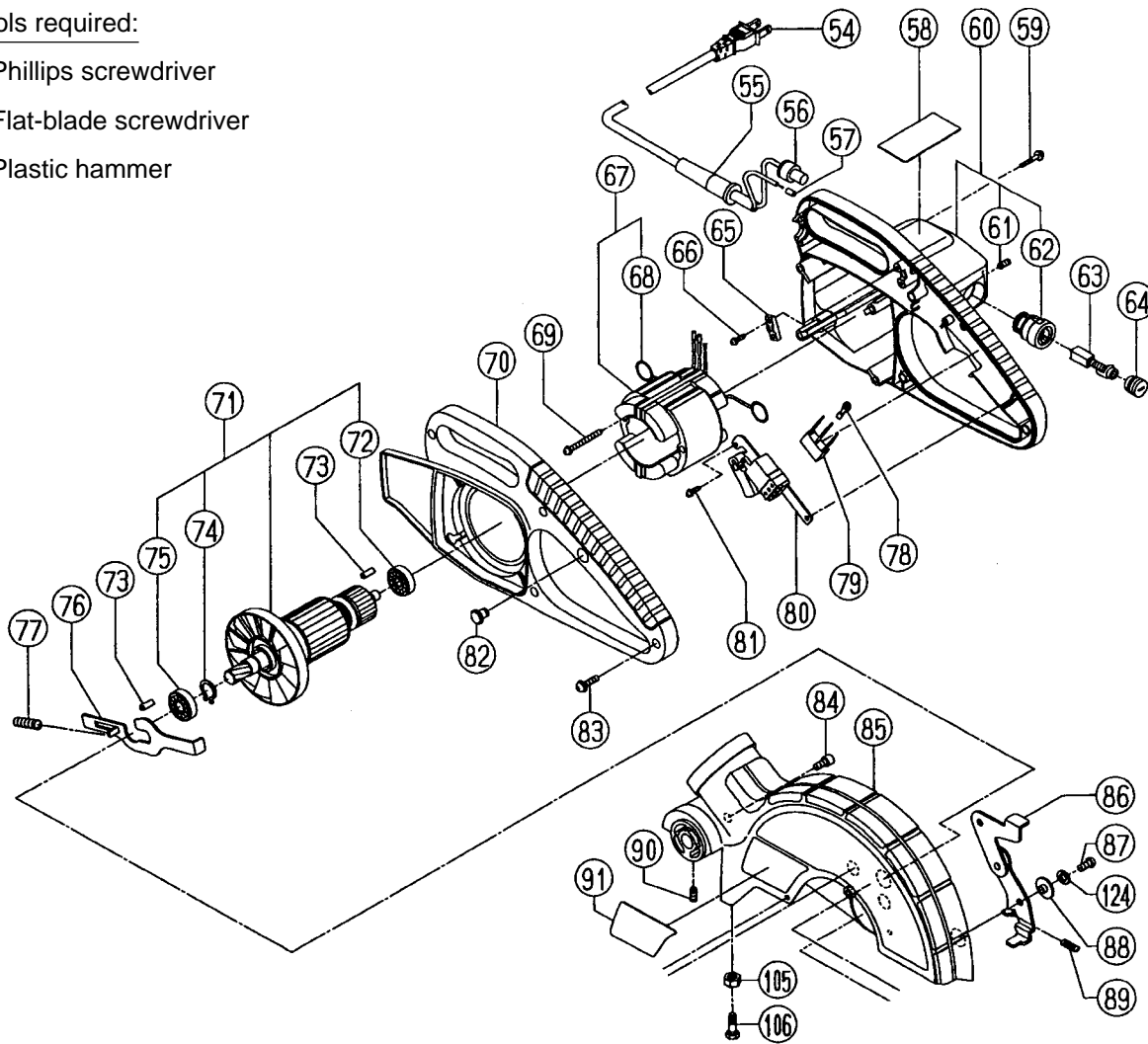


Fig. 17

1. Remove the Brush Cap [64] and the Carbon Brush [63].
2. Remove the four Machine Screws (W/Washers) M5 x 45 (Black). Then the Housing Ass'y can be removed together with the Handle Cover [70] from the Gear Case [85]. Then the Armature Ass'y [71] and the Lock Lever [76] can be removed.
3. Remove the screws from the Gear Case [85].
4. Remove the four Tapping Screws (W/Flange) D4 x 20 (Black) [83] to remove the Handle Cover [70].
5. Remove the internal wires from the Switch [80]. Remove two Tapping Screws (W/Flange) D4 x 20 (Black) to remove the Cord [54], Cord Armor D10.7 [55] and Cord Clip [65].
6. Remove two Tapping Screws (W/SP. Washer) D5 x 65 to remove the Brush Terminal [68] from the Brush Holder [62]. Gently tap the surface of the Housing Ass'y [60] where the Gear Case [85] was mounted with a plastic hammer to remove the Stator Ass'y [67].

D. Vise ass'y

Tool required:

- Phillips screwdriver

1. Remove the Wing Bolt M6 x 15 [19] to remove the Vise Shaft [24].
2. Remove the Machine Screw M4 x 10 [23] to remove the Vise Plate [22].
3. Remove the Knob Bolt M10 x 66 [18] from the Screw Holder [20].

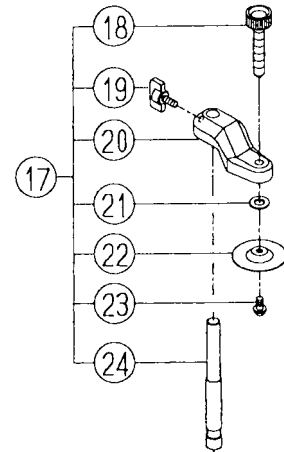


Fig. 18

11-2. Reassembly

Reassembly can be accomplished by following the disassembly procedures in reverse. However, special attention should be given to the following items.

- (1) Prior to reassembly, measure the insulation resistance of the armature, stator, switch and other electrical components and confirm that the insulation resistance of each part is more than 5 MΩ.
- (2) When replacing the Spring [5], apply 5 grams of Hitachi Motor Grease No. 29 (Code No. 930035) to the inner circumference of the new Spring [5] prior to reassembly.
- (3) When replacing the Liner [44], apply 8 grams of Hitachi Motor Grease No. 29 (Code No. 930035) to the sliding surface of the Base [49] prior to reassembly.

11-3. Wiring Diagram

Carefully ensure that wiring is accomplished as illustrated below. As incorrect wiring will result in lack of rotation, reverse rotation or other malfunctions, close attention is absolutely necessary.

Wiring diagram (for the U.S.A. and Canada only)

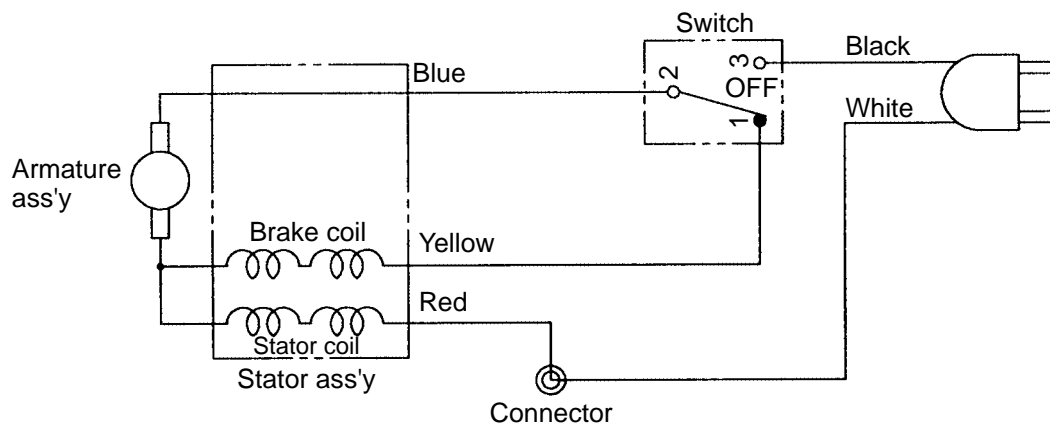


Fig. 19

Actual wiring diagram (for the U.S.A. and Canada only)

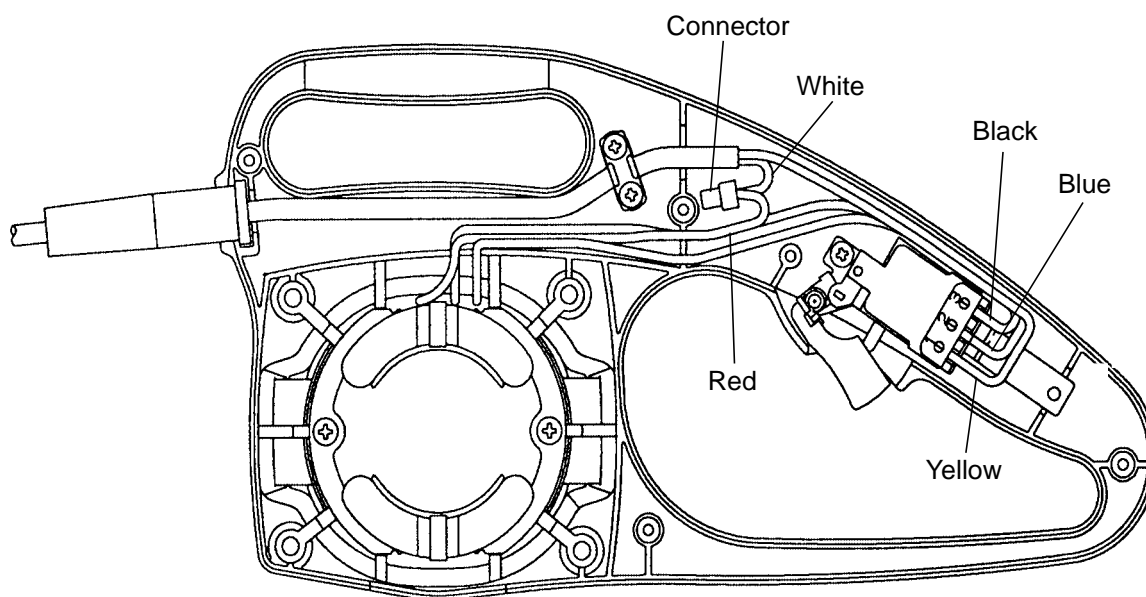


Fig. 20

Wiring diagram (except the U.S.A. and Canada)

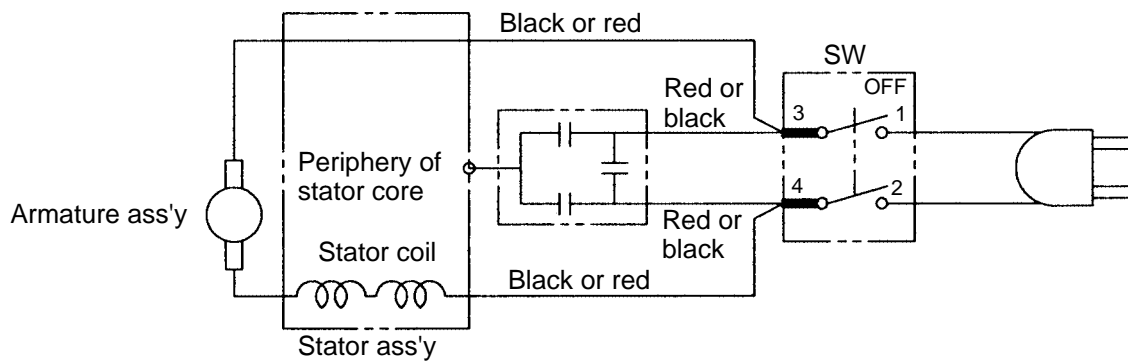


Fig. 21

Actual wiring diagram (except the U.S.A. and Canada)

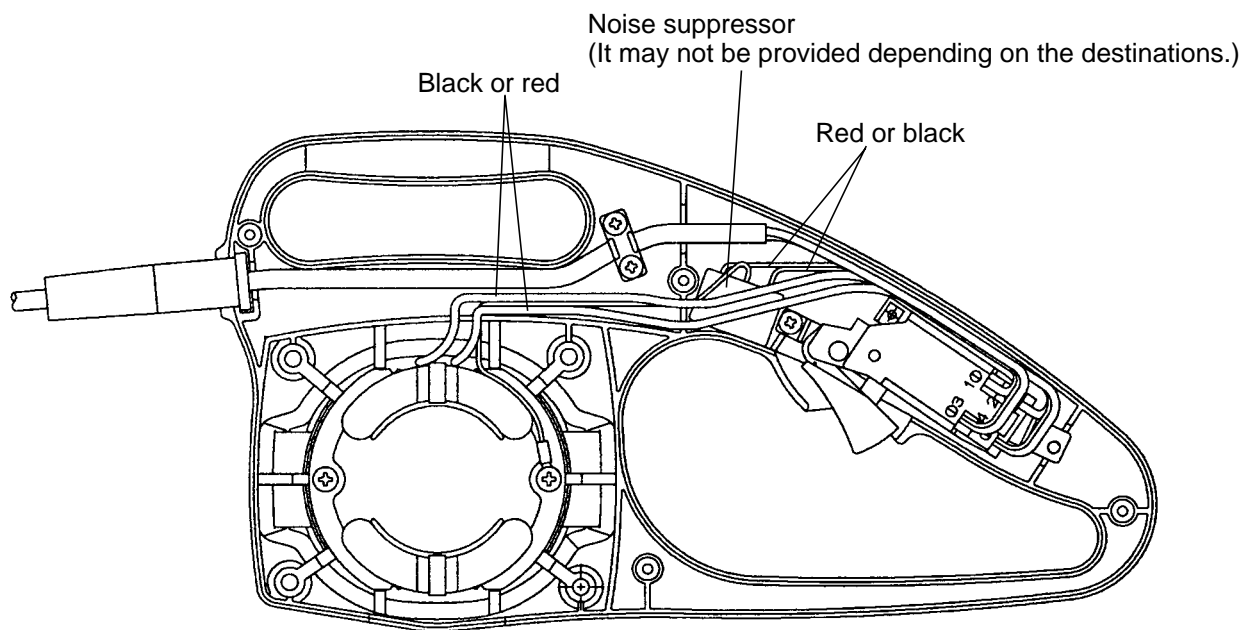


Fig. 22

11-4. Lead Wire Precautions

When connecting lead wires be very careful not to remove the insulation covering of each lead wire more than needed. Exposed cores of lead wires from connectors, for example, are extremely dangerous. Also, ensure that the lead wires are not pinched between the mating surfaces of the Housing Ass'y [60] and the Handle Cover [70].

11-5. No-load Current

After no-load operation for 30 minutes, the no-load current values should be as follows.

Voltage, frequency	110 V, 115 V	220 V, 230 V, 240 V
No-load current	8 A max.	4 A max.

11-6. Reassembly Requiring Adjustment

(1) Adjustment of squareness between the saw blade (dummy disc) and the fences

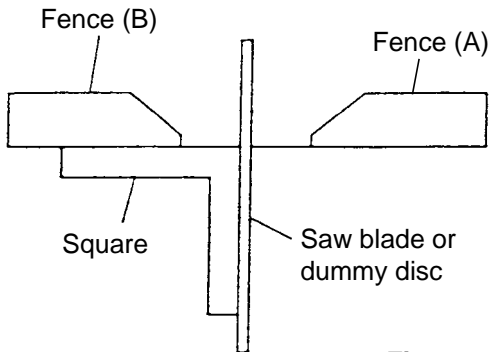


Fig. 23

After disassembly or replacement of the Base [49], Turn Table [38], Fence (A) [46], Fence (B) [31] or Hinge [7], it is necessary to perform necessary adjustment to ensure that the fences are positioned at precise right angles with relation to the saw blade (or dummy disc). Align fence (B) with the saw blade (or dummy disc), and adjust them as necessary to ensure squareness (tolerance: 0.15/100 mm). As shown in Fig. 23, use a square to adjust fence (B) so that it is square with the saw blade. Next, use a straight edge to adjust fence (A) so that it is exactly aligned with fence (B). Finally, use the square to confirm squareness of fence (A) with the saw blade (tolerance: 0.15/100 mm).

(2) Adjustment of the lower limit position of the saw blade

The saw blade lower limit position must be adjusted so that the cutting edge of the saw blade (or dummy disc) is 41 mm to 42 mm below the upper surface of the Base [49]. To perform the adjustment, loosen the Lock Nut M8 [105] and turn the Bolt M8 x 25 [106]. By turning the Bolt M8 x 25 [106] counterclockwise, the saw blade lower limit is raised. By turning the Bolt M8 x 25 [106] clockwise, the saw blade lower limit is lowered.

On completion of the adjustment, ensure that the Lock Nut M8 [105] is properly tightened.

[CAUTION] Before tightening the Lock Nut M8 [105], check that the saw blade does not contact the Turn Table [38].

(3) Reassembly of the Turn Table [38]

When reassembling the Turn Table [38] and the Base [49], tighten the Nylon Nut M8 [32] so that the Turn Table [38] turns smoothly without excessive play or vibration. During reassembly, liberally apply grease (Hitachi Motor Grease No. 29, Code No. 930035 is recommended) at the point marked "A" in Fig. 24.

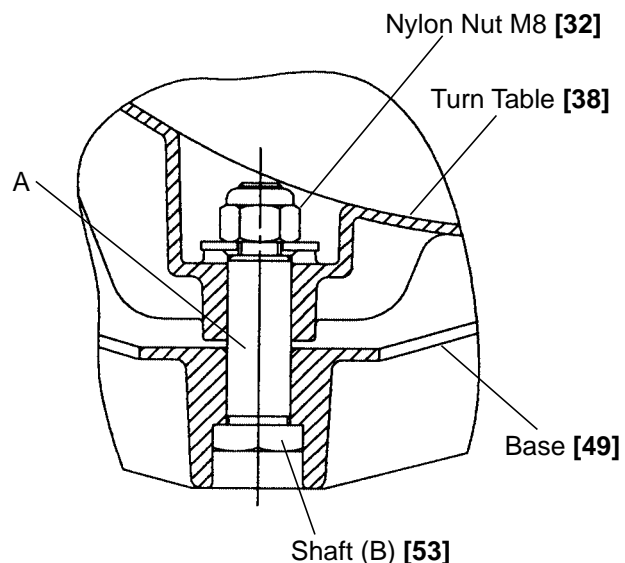


Fig. 24

11-7. Lubrication

Advise the customer to lubricate the machine as indicated below at least once a month. Also, prior to applying lubrication, any sawdust, dirt or other foreign matter should be thoroughly wiped away with a soft cloth.

(1) Swiveling section of the Gear Case [85] and the Hinge [7]

Coat the swiveling and sliding portion of the Gear Case [85] and the Hinge [7] with machine oil.

(2) Vise ass'y section

Coat the screw thread portion of the Knob Bolt M10 x 66 [18] of the Vise Ass'y [17] with machine oil.

(3) Swiveling section of the Turn Table [38] and the Hinge [7]

Coat the swiveling and sliding portion of the Turn Table [38] and the Hinge [7] with machine oil.

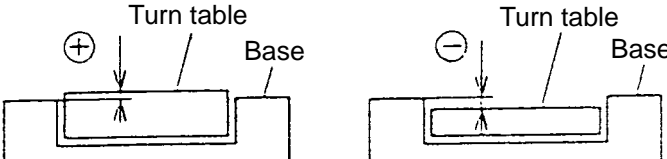
(4) Swiveling section of the Sub Fence [27] and Fence (B) [31]

Coat the swiveling and sliding portion of the Sub Fence [27] and Fence (B) [31] with machine oil.

11-8. Product Precision

On completion of reassembly, confirm precision tolerances.

(Unit: mm)

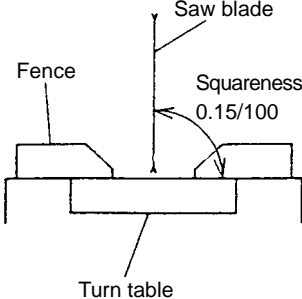
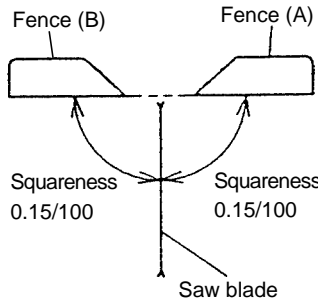
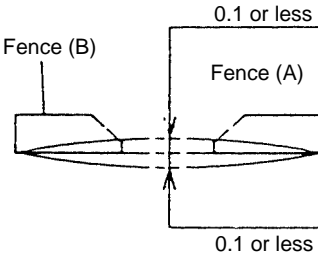
Item	Tolerance
Run-out of dummy disc	0.2/245 (0.008"/9-4/64")
Squareness between base and fences (A) and (B)	0.1/height of fence (0.004"/height of fence)
Flatness between fence (A) and fence (B)	0.1 (0.004")
Squareness between dummy disc and fences (A) and (B)	0.15/100 (0.006"/4")
Squareness between dummy disc and turn table	0.15/100 (0.006"/4")
Surface alignment of base and turn table (Use the upper surface of the base as a reference.) 	$\oplus 0.1 (\oplus 0.004")$ $\ominus 0.2 (\ominus 0.008")$

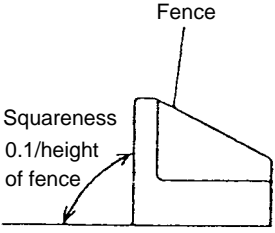
11-9. Tightening Torque

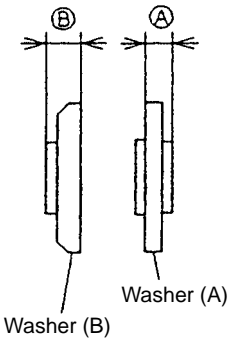
• Machine Screw (W/Washers) M6 x 12 (Black) [1]	34.7 in-lbs. (3.9 N•m, 40 kgf•m)
• Hex. Socket Set Screw M6 x 10 [10] [90]	34.7 in-lbs. (3.9 N•m, 40 kgf•m)
• Machine Screw (W/Washers) M4 x 8 (Black) [12] [36] [43]	10.4 in-lbs. (1.2 N•m, 12 kgf•m)
• Machine Screw M5 x 16 [16] [87] [98]	26 in-lbs. (2.9 N•m, 30 kgf•m)
• Machine Screw M4 x 10 [23]	10.4 in-lbs. (1.2 N•m, 12 kgf•m)
• Bolt (W/Washers) M8 x 35 (Black) [30]	130 in-lbs. (14.7 N•m, 150 kgf•m)
• Machine Screw M5 x 16 [40]	13 in-lbs. (1.5 N•m, 15 kgf•m)
• Machine Screw (W/Washers) M5 x 45 (Black) [59]	30.4 in-lbs. (3.4 N•m, 35 kgf•m)
• Hex. Socket Set Screw M5 x 6 [61]	8.7 in-lbs. (1 N•m, 10 kgf•m)
• Tapping Screw (W/Flange) D4 x 20 (Black) [66] [83]	14.7 in-lbs. (2 N•m, 20 kgf•m)
• Tapping Screw (W/SP. Washer) D5 x 65 [69]	22.6 in-lbs. (2.5 N•m, 26 kgf•m)
• Tapping Screw D4 x 10 [81]	13 in-lbs. (1.5 N•m, 15 kgf•m)
• Hex. Socket Hd. Bolt M5 x 10 [84]	30.4 in-lbs. (3.4 N•m, 35 kgf•m)
• Machine Screw M5 x 10 [95]	26 in-lbs. (2.9 N•m, 30 kgf•m)
• Machine Screw M5 x 20 [110]	26 in-lbs. (2.9 N•m, 30 kgf•m)

12. REPAIR GUIDE

Unit: mm

Item	Phenomenon	Cause	Factory standard	Inspection, repair or adjustment
1	<p>Inaccurate cutting ...Inaccurate squareness of the cut surface ...Cut surfaces do not fit together properly.</p>  <p>Fig. 25</p>  <p>Fig. 26</p>  <p>Fig. 27</p>	<p>Ⓐ Inaccurate squareness between the turn table and the saw blade causes the saw blade to cut into the workpiece at an angle.</p>	<p>0.15/100 (Dummy disc) (Fig. 25)</p>	<ul style="list-style-type: none"> • Adjust squareness with the Nylock Bolt M8 x 25 [35]. • Replace the Hinge [7], Gear Case [85] or the Turn Table [38] (if deformed).
		<p>Ⓑ Excessive deflection of the saw blade (Excessive vibration)</p>	<p>0.2/245 (Dummy disc)</p>	<ul style="list-style-type: none"> • Replace the TCT Saw Blade 255 mm [118]. • Check for surface defects on Washer (A) [117] and Washer (B) [120], and repair with a file as necessary. • Replace Washer (A) [117] and Washer (B) [120].
		<p>Ⓒ Inaccurate squareness between the fence and the saw blade</p>	<p>0.15/100 (Fig. 26)</p>	<ul style="list-style-type: none"> • Loosen the Bolt (W/Washers) M8 x 35 (Black) [30] and adjust the squareness. • Replace Fence (A) [46] or Fence (B) [31].
		<p>Ⓓ Inaccurate surface flatness of the fence causes workpiece to move irregularly, causing poor squareness of cut surface.</p>	<p>0.1 or less (Fig. 27)</p>	<ul style="list-style-type: none"> • Loosen the Bolt (W/Washers) M8 x 35 (Black) [30] and adjust the squareness. • Replace Fence (A) [46] or Fence (B) [31].
		<p>Ⓔ Inaccurate surface flatness of the turn table</p>	<p>0.1 or less</p>	<ul style="list-style-type: none"> • Replace the Turn Table [38].

Item	Phenomenon	Cause	Factory standard	Inspection, repair or adjustment
1	(Continued)  Fig. 28	⑥ Inaccurate squareness between the fence and the turn table and/or the base causes the workpiece to tilt at an angle and prevent accurate cutting.	0.1/height of fence (Fig. 28)	<ul style="list-style-type: none"> • Replace Fence (A) [46] or Fence (B) [31].
		⑨ Loose fitting of swiveling portion of the hinge and the gear case or sluggish movement. As a result, components may be deformed because of unstable gear case or because the operator applies excessive pressure during operation.	—	<ul style="list-style-type: none"> • Check the fitting surfaces of the Hinge [7], Gear Case [85] and Shaft (C) [14] for any foreign substances (such as cutting dust), and remove it as necessary.
		⑧ Excessively fast cutting speed causes deflection of the saw blade and inaccurate cutting.	—	<ul style="list-style-type: none"> • Reduce the cutting speed (appropriately 10 seconds for a 60 mm square wood workpiece).
		⑦ Excessive cutting force (pressure) is required because of dull saw blade.	—	<ul style="list-style-type: none"> • Sharpen the saw blade again.
		⑤ The workpiece moves during cutting because it is bent or deformed.	—	<ul style="list-style-type: none"> • Correct bend, flex or other deformation by planing and try cutting.

Item	Phenomenon	Cause	Factory standard	Inspection, repair or adjustment
2	Rough cut surface Parallelism (A) = 0.02/51 Parallelism (B) = 0.02/51  Fig. 29	(a) Large deflection of the saw blade (It causes rough cut surface.)	0.2/245 (Dummy disc)	• Same as the Item 1- (b) .
		(b) Each surface parallelism of washer (A) and washer (B) is inaccurate due to surface defects such as impact marks and scratches.	Washer (A) 0.02/51 Washer (B) 0.02/51 (Fig. 29)	• Repair impact marks or scratches on Washer (A) [117] and Washer (B) [120] or replace them as necessary.
		(c) Inaccurate squareness between the turn table and the saw blade causes the saw blade to cut at an improper angle and make cutting marks.	0.15/100 (Fig. 25)	• Same as the Item 1- (a) .
		(d) Excessively fast cutting speed	—	• Reduce cutting speed.
		(e) Improper clamping of workpiece	—	• Properly clamp workpieces with the vise ass'y.
		(f) The turn table is not fixed with the side handle.	—	• During cutting, fix the Turn Table [38] in position with the Side Handle [41] .
		(g) Loose fitting of swiveling portion of the hinge and the gear case or sluggish movement.	—	• Same as the Item 1- (g) .
		(h) Cutting operation becomes sluggish because workpiece is warped or bent.	—	• Correct warp or bend with planer.
		(i) Excessive vibration	—	• Recheck the items (a), (c) , (d) and (h) .

Item	Phenomenon	Cause	Factory standard	Inspection, repair or adjustment
3	Saw blade is locked.	Ⓐ Excessively fast cutting speed	—	• Reduce cutting speed.
		Ⓑ Core diameter of extension cord is too small.	—	• Use a thicker and shorter extension cord.
		Ⓒ Excessive cutting force is applied due to dull saw blade.	—	• Resharpen the saw blade.
		Ⓓ Incorrect saw blade is used.	—	• Use a suitable Hitachi-supplied saw blade. • If the saw blade has a large number of teeth, the cutting resistance will be increased. When using a saw blade with a large number of teeth, reduce the cutting speed.
		Ⓔ The saw blade binds in workpiece during cutting because workpiece is warped or bent.	—	• Correct workpiece deformation with a planer.
4	Saw blade does not rotate when switch is triggered.	Ⓐ The power cord is not connected to power supply.	—	• Check power supply voltage. • Connect the power cord to power supply.
		Ⓑ The carbon brush wear exceeds allowable limit (5 mm).	—	• Check the carbon brushes for wear. • Replace the carbon brushes.
		Ⓒ Contact failure of the switch	—	• Check the Switch [80] for conductivity. • Replace the Switch [80] .
5	Saw blade runs too slow (not within 4,400 — 5,400/min.).	Ⓐ Power supply voltage is lower than rated voltage.	—	• Check power supply voltage. • Check if extension cord is appropriate.

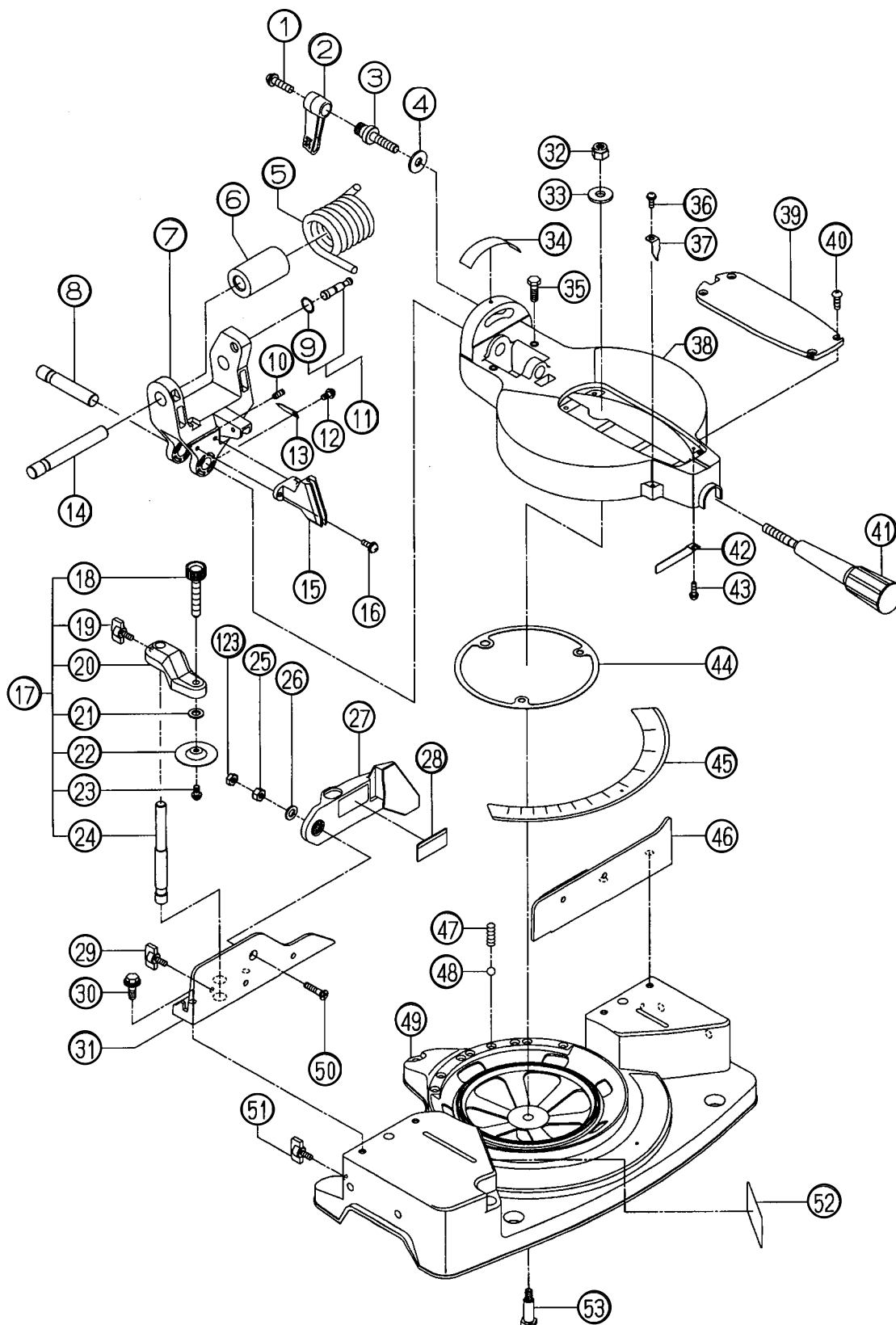
13. STANDARD REPAIR TIME (UNIT) SCHEDULES

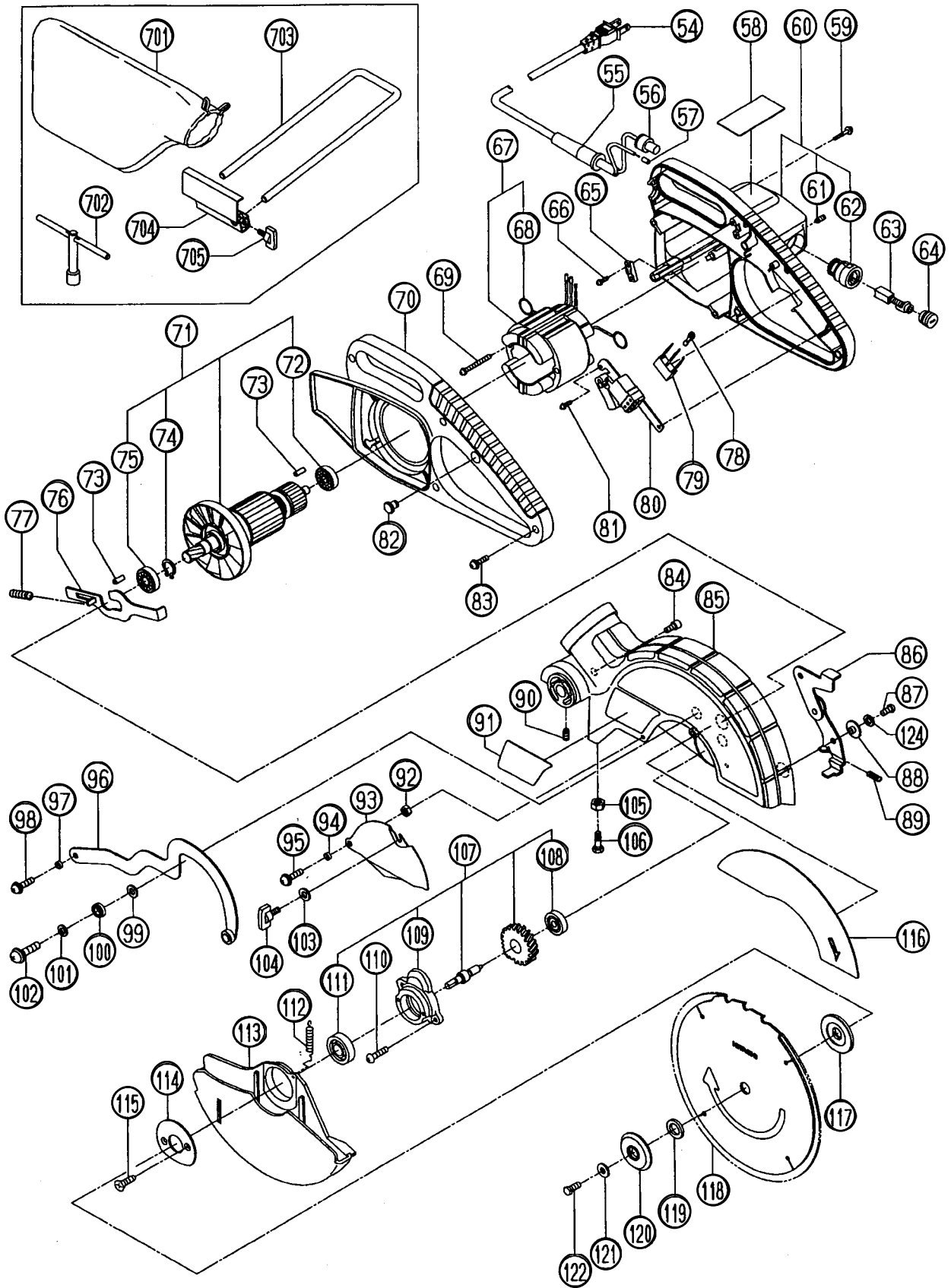
MODEL		Variable Fixed \ Variable	10	20	30	40	50	60	70 min.
C 10FCB			Work Flow						
		General Assembly							
		Carbon Brush		Armature Ass'y					
	Fixed Cost Link Safety Cover Table Insert Guard } 0 min.								Gear Case
		Link Safety Cover		Lock Spring Lock Lever	Handle Cover Cord Cord Armor Spindle Ass'y Switch	Stator Ass'y Housing Ass'y			
	Cord Switch Others }								
	10 min.	Guard Clamp Lever Vise Ass'y	Fence Shaft (C)	Shaft (B)	Base Liner Spring (C) Steel Ball			Turn Table Hinge	
	20 min.								

ELECTRIC TOOL PARTS LIST

■ COMPOUND SAW Model C 10FCB

2001.4.20
(E2)





PARTS

C 10FCB

ITEM NO.	CODE NO.	DESCRIPTION	NO. USED	REMARKS	
1	307-232	MACHINE SCREW (W/WASHERS) M6X12 (BLACK)	1		
2	312-488	CLAMP LEVER	1		
3	318-933	BOLT (LEFT HAND) M10X40	1		
4	318-934	SPECIAL WASHER	1		
5	318-939	SPRING	1		
6	318-938	SLEEVE	1		
7	318-951	HINGE	1		
8	318-935	SHAFT (C)	1		
9	984-528	O-RING (P-6)	1		
10	968-247	HEX. SOCKET SET SCREW M6X10	1		
11	302-518	STOPPER PIN ASS'Y	1	INCLUD.9	
12	317-200	MACHINE SCREW (W/WASHERS) M4X8 (BLACK)	1		
13	318-932	INDICATOR (B)	1		
14	318-940	SHAFT (C)	1		
15	318-936	GUARD	1		
16	990-541	MACHINE SCREW (W/WASHERS) M5X16	2		
17	318-965	WISE ASS'Y	1	INCLUD.18-24	
18	302-522	KNOB BOLT M10X66	1		
19	301-806	WING BOLT M6X15	1		
20		SCREW HOLDER	1		
21	949-425	WASHER M6 (10 PCS.)	1		
22	302-532	WISE PLATE	1		
23	949-216	MACHINE SCREW M4X10 (10 PCS.)	1		
24	318-967	WISE SHAFT	1		
25	949-556	NUT M6 (10 PCS.)	1		
26	949-432	BOLT WASHER M6 (10 PCS.)	1		
27	318-950	SUB FENCE	1		
28		CAUTION PLATE (A)	1		
29	301-806	WING BOLT M6X15	1		
30	307-221	BOLT (W/WASHERS) M8X35 (BLACK)	4		
31	318-949	FENCE (B)	1		
32	975-348	NYLON NUT M8	1		
33	318-929	WASHER (F)	1		
34	318-931	SCALE (B)	1		
35	303-409	NYLOCK BOLT M8X25	2		
36	317-200	MACHINE SCREW (W/WASHERS) M4X8 (BLACK)	1		
37	318-927	INDICATOR (A)	1		
38	318-947	TURN TABLE	1		
39	318-930	TABLE INSERT	1		
40	949-239	MACHINE SCREW M5X16 (10 PCS.)	4		
41	318-946	SIDE HANDLE	1		
42	998-814	SPACER	1		
43	317-200	MACHINE SCREW (W/WASHERS) M4X8 (BLACK)	1		
44	318-926	LINER	1		
45	318-945	SCALE (A)	1		
46	318-948	FENCE (A)	1		
47	967-150	SPRING (C)	1		
48	959-153	STEEL BALL D12.7 (10 PCS.)	1		
*	49	318-944	BASE	1	
*	49	318-969	BASE	1	FOR USA,CAN
	50	949-342	FLAT HD. SCREW M6X25 (10 PCS.)	1	

PARTS

C 10FCB

ITEM NO.	CODE NO.	DESCRIPTION	NO. USED	REMARKS	
51	301-806	WING BOLT M6X15	2		
* 52		CAUTION PLATE (B)	1		
53	318-928	SHAFT (B)	1		
* 54	500-214Z	CORD	1	(CORD ARMOR D10.7)	
* 54	315-897	CORD	1	(CORD ARMOR D10.7) FOR CHN	
* 54	952-802Z	CORD	1	(CORD ARMOR D10.7) FOR SIN,MLA	
				(CORD ARMOR D10.7) FOR AUS,NZL	
* 54	500-453Z	CORD	1	(CORD ARMOR D10.7) FOR USA,CAN	
* 54	952-804Z	CORD	1	(CORD ARMOR D10.7) FOR GBR (110V),SAF	
* 54	500-243Z	CORD	1	(CORD ARMOR D10.7) FOR FRG,AUT,BEL,	
				ESP,GBR (230V),ITA,NOR,SWE,DEN,FIN	
* 54	952-806Z	CORD	1	(CORD ARMOR D10.7) FOR FRA,HOL	
* 54	303-154	CORD	1	(CORD ARMOR D10.7) FOR SUI	
55	940-778	CORD ARMOR D10.7	1		
* 56	959-141	CONNECTOR 50092 (10 PCS.)	1	FOR USA,CAN	
* 57	988-894	TUBE (D)	2		
* 57	988-894	TUBE (D)	1	FOR USA,CAN	
58		NAME PLATE	1		
59	302-434	MACHINE SCREW (W/WASHERS) M5X45 (BLACK)	4		
60	318-955	HOUSING ASS'Y	1	INCLUD.61,62	
61	966-426	HEX. SOCKET SET SCREW M5X6	2		
62	980-487	BRUSH HOLDER	2		
63	999-044	CARBON BRUSH (1 PAIR)	2		
64	940-540	BRUSH CAP	2		
65	937-631	CORD CLIP	1		
66	302-086	TAPPING SCREW (W/FLANGE) D4X20 (BLACK)	2		
* 67	340-473C	STATOR ASS'Y (B) 110V	1	INCLUD.68	
* 67	340-472C	STATOR ASS'Y (A) 115V	1	INCLUD.68	
* 67	340-473E	STATOR ASS'Y (B) 220V-230V	1	INCLUD.68	
* 67	340-473F	STATOR ASS'Y (B) 240V	1	INCLUD.68	
68	998-744	BRUSH TERMINAL	2		
69	303-376	TAPPING SCREW (W/SP. WASHER) D5X65	2		
* 70	318-960	HANDLE COVER	1		
* 70	318-959	HANDLE COVER	1	FOR USA,CAN	
* 71	360-531U	ARMATURE ASS'Y 110V-115V	1	INCLUD.72,74,75	
* 71	360-531E	ARMATURE ASS'Y 220V-230V	1	INCLUD.72,74,75	
* 71	360-531F	ARMATURE ASS'Y 240V	1	INCLUD.72,74,75	
72	620-0VV	BALL BEARING 6200VVCMP2L	1		
73	946-362	BEARING LOCK	2		
74	939-544	RETAINING RING FOR D15 SHAFT (10 PCS.)	1		
75	600-2VV	BALL BEARING 6002VVCMP2L	1		
76	318-941	LOCK LEVER	1		
77	318-942	LOCK SPRING	1		
* 78	938-108	TERMINAL	1	FOR CHN,AUS,NZL,FRG,AUT,GBR,FRA,HOL,	
				BEL,ESP,SUI,ITA,NOR,SWE,DEN,FIN,SAF	
* 79	994-273	NOISE SUPPRESSOR	1	FOR CHN,AUS,NZL,FRG,AUT,GBR,FRA,HOL,	
				BEL,ESP,SUI,ITA,NOR,SWE,DEN,FIN,SAF	
* 80	976-450	SWITCH (A) (2P PILLAR TYPE) W/O LOCK	1		
* 80	988-925	SWITCH (B) (1P PILLAR TYPE) W/LOCK	1	FOR USA,CAN	
81	958-715	TAPPING SCREW D4X10	1		
* 82	951-895	LOCK-OFF BUTTON	1	FOR USA,CAN	

PARTS

C 10FCB

ITEM NO.	CODE NO.	DESCRIPTION	NO. USED	REMARKS	
83	302-086	TAPPING SCREW (W/FLANGE) D4X20 (BLACK)	4		
84	949-819	HEX. SOCKET HD. BOLT M5X10 (10 PCS.)	1		
85	318-953	GEAR CASE	1		
* 86	318-954	LEVER	1	FOR CHN,FRG,AUT,GBR,FRA,HOL,BEL,ESP, SUI,ITA,NOR,SWE,DEN,FIN	
* 87	949-239	MACHINE SCREW M5X16 (10 PCS.)	2	FOR CHN,FRG,AUT,GBR,FRA,HOL,BEL,ESP, SUI,ITA,NOR,SWE,DEN,FIN	
* 88	320-106	SLEEVE (B)	2	FOR CHN,FRG,AUT,GBR,FRA,HOL,BEL,ESP, SUI,ITA,NOR,SWE,DEN,FIN	
* 89	880-494	STOPPER SPRING	1	FOR CHN,FRG,AUT,GBR,FRA,HOL,BEL,ESP, SUI,ITA,NOR,SWE,DEN,FIN	
90	968-247	HEX. SOCKET SET SCREW M6X10	1		
* 91		CAUTION PLATE (C)	1		
* 92	949-555	NUT M5 (10 PCS.)	1	FOR USA,CAN,AUS,FRG,AUT,GBR,FRA,HOL, BEL,ESP,SUI,ITA,NOR,SWE,DEN,FIN	
* 93	318-958	SPINDLE COVER	1	FOR USA,CAN,AUS,FRG,AUT,GBR,FRA,HOL, BEL,ESP,SUI,ITA,NOR,SWE,DEN,FIN	
* 94	998-980	SPACER	1	FOR USA,CAN,AUS,FRG,AUT,GBR,FRA,HOL, BEL,ESP,SUI,ITA,NOR,SWE,DEN,FIN	
* 95	949-236	MACHINE SCREW M5X10 (10 PCS.)	1	FOR USA,CAN,AUS,FRG,AUT,GBR,FRA,HOL, BEL,ESP,SUI,ITA,NOR,SWE,DEN,FIN	
96	318-937	LINK	1		
97	998-980	SPACER	1		
98	949-239	MACHINE SCREW M5X16 (10 PCS.)	1		
99	949-432	BOLT WASHER M6 (10 PCS.)	1		
100	606-ZZM	BALL BEARING 606ZZC2PS2L	1		
101	949-455	SPRING WASHER M6 (10 PCS.)	1		
102	949-258	MACHINE SCREW M6X20 (10 PCS.)	1		
* 103	949-432	BOLT WASHER M6 (10 PCS.)	1	FOR USA,CAN,AUS,FRG,AUT,GBR,FRA,HOL, BEL,ESP,SUI,ITA,NOR,SWE,DEN,FIN	
* 104	301-806	WING BOLT M6X15	1	FOR USA,CAN,AUS,FRG,AUT,GBR,FRA,HOL, BEL,ESP,SUI,ITA,NOR,SWE,DEN,FIN	
105	949-568	LOCK NUT M8 (10 PCS.)	1		
106	949-626	BOLT M8X25 (10 PCS.)	1		
107	318-956	SPINDLE ASS'Y	1	INCLUD.108,109,111	
108	608-VVM	BALL BEARING 608VVC2PS2L	1		
109	318-957	BEARING HOLDER	1		
110	949-241	MACHINE SCREW M5X20 (10 PCS.)	2		
111	600-3VV	BALL BEARING 6003VVCMP2L	1		
112	320-107	RETURN SPRING (B)	1		
113	318-943	SAFETY COVER	1		
114	307-731	COVER	1		
115	949-322	FLAT HD. SCREW M4X10 (10 PCS.)	2		
116		HITACHI LABEL	1		
* 117	308-789	WASHER (D)	1		
* 117	318-961	WASHER (A)	1	FOR CHN,FRG,AUT,GBR,FRA,HOL,BEL,ESP, SUI,ITA,NOR,SWE,DEN,FIN	
* 118	318-963	TCT SAW BLADE 255MM-D15.88 HOLE-NT24	1		
* 118	318-964	TCT SAW BLADE 255MM-D25.4 HOLE-NT100	1		
* 118	319-106	TCT SAW BLADE 255MM-D25.4 HOLE-NT24	1		
* 118	319-107	TCT SAW BLADE 255MM-D30 HOLE-NT30	1		

PARTS

C 10FCB

ITEM NO.	CODE NO.	DESCRIPTION	NO. USED	REMARKS	
* 119	976-819	COLLAR (B) FOR D25.4 HOLE	1		
* 119	974-663Z	COLLAR (A) FOR D30 HOLE	1	FOR AUS,NZL,AUT,GBR,FRA,HOL,BEL,ESP, SUI,ITA,NOR,SWE,DEN,FIN	
* 120	998-838	WASHER (C)	1		
* 120	318-962	WASHER (B)	1	FOR CHN,FRG,AUT,GBR,FRA,HOL,BEL,ESP, SUI,ITA,NOR,SWE,DEN,FIN	
121	940-845	WASHER	1		
122	996-258	BOLT (LEFT HAND) M7X17.5	1		
123	949-567	LOCK NUT M6 (10 PCS.)	1		
* 124	949-454	SPRING WASHER M5 (10 PCS.)	2	FOR CHN,FRG,AUT,GBR,FRA,HOL,BEL,ESP, SUI,ITA,NOR,SWE,DEN,FIN	

STANDARD ACCESSORIES

ITEM NO.	CODE NO.	DESCRIPTION	NO. USED	REMARKS	
701	976-478	DUST BAG	1		
702	940-543	BOX WRENCH 10MM	1		
703	998-834	HOLDER	2		
704	318-968	STOPPER	1		
705	301-806	WING BOLT M6X15	1		

OPTIONAL ACCESSORIES

ITEM NO.	CODE NO.	DESCRIPTION	NO. USED	REMARKS	
* 901	976-472	TCT SAW BLADE CROSS-CUT 255MM-D15.9 HOLE	1		
* 902	976-473	TCT SAW BLADE 255MM-D15.9 HOLE-NT70	1		
* 903	959-000	TCT SAW BLADE CROSS-CUT 255MM-D25.4 HOLE	1		
* 904	974-642	TCT SAW BLADE CROSS-CUT 255MM-D25.4 HOLE	1		
* 905	976-832	TCT SAW BLADE CROSS-CUT 255MM-D30 HOLE	1		
* 906	976-833	TCT SAW BLADE CROSS-CUT 255MM-D30 HOLE	1		
* 907	319-658	TCT SAW BLADE 255MM-D15.88 HOLE-NT100	1		

